## CLAIMS

1. A write once optical recording medium comprising a recording layer and a light transmitting protective layer formed successively on a supporting body, for recording and reproduction by irradiating a laser beam of

a 380 to 450 nm wavelength from the light transmitting protective layer side, characterized in that

 $\lambda_{\text{max}} \leq 370 \text{ nm}$ 

on the premise that the wavelength providing the peak optical absorption coefficient of the recording layer is defined to be  $\lambda_{\text{max}}$ .

2. The write once optical recording medium according to claim 1, characterized in that the recording layer contains a compound represented by the below-mentioned [chemical formula 10]:

(wherein each of  $Ar_1$ ,  $Ar_2$ ,  $Ar_3$ ,  $Ar_4$  are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl

group, that may be the same or different.)

3. The write once optical recording medium according to claim 1, characterized in that the recording layer contains a compound represented by the below-mentioned [chemical formula 11]:

[Chemical Formula 11]

(wherein each of  $Ar_5$ ,  $Ar_6$ ,  $Ar_7$ ,  $Ar_8$ ,  $Ar_9$ ,  $Ar_{10}$  are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl group, that may be same or different.)

- 4. The write once optical recording medium according to claim 1, characterized in that said recording layer contains  $C_{\rm n}$  (wherein, n is an integer of 60 or more capable of obtaining a geometrically spherical compound).
- 5. The write once optical recording medium according to claim 4, characterized in that n of said  $C_{\rm n}$  is 60.
- 6. The write once optical recording medium according to claim 1, characterized in that said recording layer contains a compound represented by the below-mentioned [Chemical Formula

12]:

[Chemical Formula 12]

(wherein each of  $Ar_{11}$ ,  $Ar_{12}$ ,  $Ar_{13}$ ,  $Ar_{14}$  are a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, or a substituted or unsubstituted biphenyl group, that may be the same or different.)